

525,130

Rec'd PCT/PTO 18 FEB 2005

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property  
Organization  
International Bureau



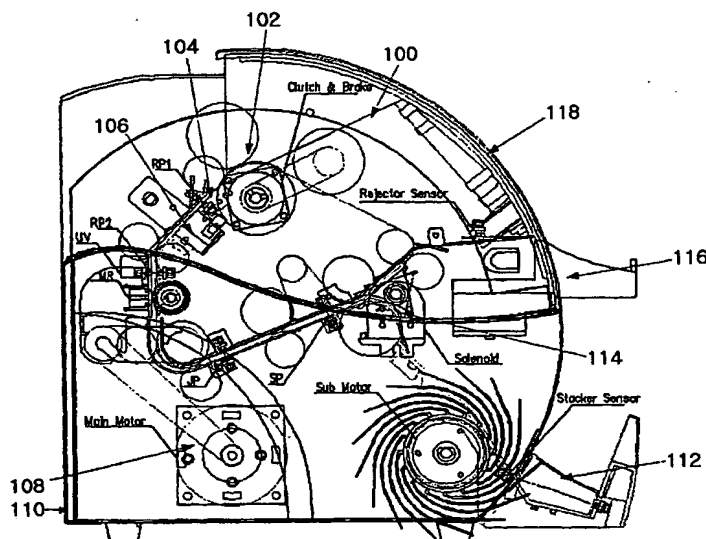
(43) International Publication Date  
26 February 2004 (26.02.2004)

PCT

(10) International Publication Number  
**WO 2004/017257 A1**

- (51) International Patent Classification<sup>7</sup>: **G06M 7/06**
- (21) International Application Number: **PCT/KR2003/001254**
- (22) International Filing Date: **26 June 2003 (26.06.2003)**
- (25) Filing Language: **Korean**
- (26) Publication Language: **English**
- (30) Priority Data:  
**10-2002-0048844 19 August 2002 (19.08.2002) KR**
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- (81) Designated States (national): **AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.**
- (84) Designated States (regional): **ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).**
- Published:  
— with international search report
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: **APPARATUS FOR CURRENCY CALCULATION WHICH CAN EXTRACT SERIAL NUMBER AND METHOD FOR THE SAME**





(57) Abstract: The present invention relates generally to an apparatus and method for counting currency notes, and more particularly, to an apparatus and method that automatically feed and count a plurality of currency notes, recognize the denominations thereof by reading the images thereof, and extract, store and output the serial numbers thereof. In accordance with the present invention, it is possible to database apparatus-related information, such as the denominations, serial numbers, amounts, serial number region images, and installation locations of continuously fed currency notes, together with processed time information, and to effectively use the currency note counting apparatus in receipt/payment management through the management of the serial numbers of currency notes.

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# INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR03/01254

<b>A. CLASSIFICATION OF SUBJECT MATTER</b>		
IPC7 G06M 7/06		
According to International Patent Classification (IPC) or to both national classification and IPC		
<b>B. FIELDS SEARCHED</b>		
Minimum documentation searched (classification system followed by classification symbols)		
IPC 7 : G06M 7/00; B65H 7/14; G07D 9/00; G07D 9/04; G06K 9/20;		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
KR,JP : IPC as above		
Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)		
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP2001266105 A2 (OMRON CORP ) 28 September 2001	1-10
Y	JP11238097 A2 ( TOSHIBA CORP ) 31 August 1999	1-10
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex.		
<p>* Special categories of cited documents:</p> <p>"A" document defining the general state of the art which is not considered to be of particular relevance</p> <p>"E" earlier application or patent but published on or after the international filing date</p> <p>"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)</p> <p>"O" document referring to an oral disclosure, use, exhibition or other means</p> <p>"P" document published prior to the international filing date but later than the priority date claimed</p> <p>"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention</p> <p>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</p> <p>"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art</p> <p>"&amp;" document member of the same patent family</p>		
Date of the actual completion of the international search		Date of mailing of the international search report
26 SEPTEMBER 2003 (26.09.2003)		26 SEPTEMBER 2003 (26.09.2003)
Name and mailing address of the ISA/KR  Korean Intellectual Property Office 920 Dunsan-dong, Seo-gu, Daejeon 302-701, Republic of Korea Facsimile No. 82-42-472-7140		Authorized officer CHO, Kwang Hyun Telephone No. 82-42-481-5987 

**INTERNATIONAL SEARCH REPORT**

Information on patent family members

International application No.

PCT/KR03/01254

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
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